## CONTROLLING DELIVERY OF BROADCAST ENCRYPTION CONTENT FOR A NETWORK CLUSTER FROM A CONTENT SERVER OUTSIDE THE CLUSTER

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## **ABSTRACT**

Controlling delivery of broadcast encryption content for a network cluster from a content server outside the cluster that include receiving in the content server from the network device a key management block for the cluster, a unique data token for the cluster, and an encrypted cluster id and calculating a binding key for the cluster in dependence upon the key management block for the cluster, the unique data token for the cluster, and the encrypted cluster id. In typical embod0iments, calculating a binding key includes calculating a management key from the key management block for the cluster; calculating a content server device key from the management key and the content server device id; decrypting the encrypted cluster id with the content server device key; and calculating the binding key with the management key, the unique data token for the cluster, and the cluster id.

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